

INDIANA COMMISSION ON PROPRIETARY EDUCATION

Board of Commissioners Meeting Memorandum

Date: May 14, 2007

From: Rebecca Carter, Director of Regulatory Compliance

**Subject: ITT TECHNICAL INSTITUTE – SOUTH BEND
NEW DEGREE APPLICATIONS**

Staff Recommendation

The commission staff recommends that ITT Technical Institute – South Bend be granted the authority to award the Associate of Applied Science degree and the Bachelor of Science degree in the following programs, at its new campus, with the stipulation that faculty Instructor Qualification Record forms and copies of transcripts be submitted to the commission staff for review prior to the programs start date:

AAS – Computer Drafting and Design

AAS – Computer and Electronics Engineering Technology

AAS – Information Technology-Computer Network Systems

BS – Criminal Justice

BS – Construction Management

BS – Electronics and Communications Engineering Technology

BS – Information Systems Security

Background Information

ITT Technical Institute is nationally accredited by the Accrediting Council for Independent Colleges and Schools (ACICS). The commission staff has received a letter from ACICS verifying that the South Bend campus is included in the scope of ITT's accreditation.

The associate of applied science degree programs consist of 96 quarter-credit hours of training; over 75% of the courses are in the Specialty and the remaining courses are in general education; and the faculty credentials will be reviewed upon submission by the school.

The bachelor's of science degree programs consist of 180 quarter-credit hours of training; over 65% of the courses are in the Specialty and the remaining courses are in general education; and the faculty credentials will be reviewed upon submission by the school.

Supportive Documentation

1. Degree Applications

**INDIANA COMMISSION ON
PROPRIETARY EDUCATION**

DEGREE APPLICATION
(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution ITT Technical Institute – South Bend

Name of Program Computer Drafting and Design

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) AAS

Name of Person Preparing this Form Wendy Kandel, Regulatory Affairs Manager

Telephone Number 317.706.9276 Application Type

Date the Form was Prepared May 1, 2007 ☒ New ☐ Renewal

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

Drafting is a graphic language used by industry to communicate ideas and plans from the creative-design stage through production. Computer drafting and design is one way to produce drawings in traditional design and drafting fields. This program combines wherever appropriate computer-aided drafting with conventional methods of graphic communication to solve drafting and basic design-related problems. The program will help graduates prepare to work in entry-level positions in many diverse areas of technical drafting and design.

Students will be exposed to both classroom theory and laboratory projects. Students will be required to create a variety of drawings of various sizes on different drawing media, and will use conventional as well as computer-aided drafting equipment.

The goal of the Computer Drafting and Design program is to help the student acquire the skills to enter the workplace as a versatile draftsman able to make basic design decisions and capable of addressing the challenges of future technological advances in the drafting and design profession.

Many industries use drafters who can translate ideas, sketches and specifications of an engineer, architect or designer into complete and accurate working plans needed to make products, engineer projects or create structures. Graduates may begin their careers in a variety of entry-level positions in various fields involving drafting and design, some of which include mechanical drafting, piping drafting, architectural and construction drafting, civil drafting, interior design, illustration and design detailing. The availability of micro-CAD systems has enabled even small drafting firms to utilize computer-aided drafting and design.

II. PROGRAM STRUCTURE: List all courses in the program. Indicate course name, number, and number of credit hours or clock hours for each course.

NAME OF PROGRAM: Computer Drafting and Design

TOTAL COURSE HOURS: 96 Check one: **Quarter Hours** ☒
 Semester Hours ☐
 Clock Hours ☐

LENGTH OF PROGRAM: 8 Quarters TUITION: \$41,800

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
CD111	Introduction to Design and Drafting	4
CD121	Drafting/CAD Methods	4
CD130	Architectural Drafting I	4
CD140	Rapid Visualization	4
CD210	Engineering Graphics I	4
CD220	Materials and Processes	4
CD230	Architectural Drafting II	4
CD240	Descriptive Geometry	4
CD250	Engineering Graphics II	4
CD260	Digital Information Management	4
CD310	Civil Drafting and Introduction to GIS	4
CD320	Basic Design Theory and Methods	4
CD331	Design and Drafting Capstone Project	4
CD340	Physical and Computer-Aided 3D Modeling	4
TB133	Strategies for the Technical Professional	4
TB143	Introduction to Personal Computers	4
TB184	Problem Solving	4
TB332	Professional Procedures and Portfolio Development	4

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
--------------------------	-------------------------	-------------------------

GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
GE117	Composition I	4
GE127	College Mathematics I	4
GE192	College Mathematics II	4
GE217	Composition II	4
GE253	Physics	4
GE273	Microeconomics	4

Number of Credit/Clock Hrs. in Specialty:	<u>72</u>	/	<u> </u>	Percentage:	<u>75%</u>
Number of Credit/Clock Hrs. in General Courses:	<u>24</u>	/	<u> </u>	Percentage:	<u>25%</u>

If applicable:

Number of Credit/Clock Hrs. in Liberal Arts:	<u>N/A</u>	/	<u> </u>	Percentage:	<u>N/A</u>
--	------------	---	-----------------	-------------	------------

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

The Library Resource Center (LRC) will be located at the new campus at 17390 Dugdale Drive, South Bend. Library hours will be established to meet student needs as has been done at existing ITT Technical Institutes. However, the Virtual Library is available at any time from any location with an Internet connection and web browser. The URL is library.itt-tech.edu. Library resources support the entire curriculum, including general education courses.

2. Number of volumes of professional material:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC collection estimates 600 volumes of professional material.

3. Number of professional periodicals subscribed to:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC professional periodical subscriptions are 18.

4. Other library facilities in close geographical proximity for student access:

Students in the **South Bend** area have access to the following libraries:

Saint Joseph County Public Library (multiple branches)
Indiana University South Bend
Memorial Hospital of South Bend/Library Services

IV. FACULTY: Attach completed Instructor's Qualification Record for each instructor.
**** Include** all required documentation pertaining to the qualifications of each instructor.

Total # of Faculty in the Program: 0 Full-time: 0 Part-time: 0

Fill out form below: (PLEASE LIST NAMES IN ALPHABETICAL ORDER.)

List Faculty Names <i>To Be Determined</i> (Alphabetical Order)	Degree or Diploma Earned	# Years of Working Experience in Specialty	# Years Teaching at Your School	# Years Teaching at Other	Check one:	
					Full- time	Part- time

New faculty for the proposed program will be hired approximately one (1) month in advance of the program start date so that they can familiarize themselves with the curriculum. Consequently, the application does not contain any Instructor Qualification Records. As an institution regulated by the Indiana Commission on Proprietary Education and the Accrediting Council of Independent Colleges and Schools, the South Bend campus will comply with standards relative to faculty qualifications.

**INDIANA COMMISSION ON
PROPRIETARY EDUCATION**

DEGREE APPLICATION

(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution ITT Technical Institute – South Bend

Name of Program Computer and Electronics Engineering Technology

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) AAS

Name of Person Preparing this Form Wendy Kandel, Regulatory Affairs Manager

Telephone Number 317.706.9276 Application Type

Date the Form was Prepared May 1, 2007 ☒ **New** ☐ **Renewal**

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

This program helps graduates begin to prepare for careers in a variety of entry-level positions in many fields of electronics and computer technology, such as aviation, communications, computers, consumer products, defense and research and development. The program acquaints students with certain circuits, systems and specialized techniques used in electronics and computer technology career fields and exposes students to a combination of classroom theory and practical application in a laboratory environment.

Graduates of this program may begin their careers in a variety of entry-level positions in various fields involving electronics engineering technology and computer engineering technology such as technician, electronics technician, field service representative, salesperson and computer technician.

II. PROGRAM STRUCTURE: List all courses in the program. Indicate course name, number, and number of credit hours or clock hours for each course.

NAME OF PROGRAM: Computer and Electronics Engineering Technology

TOTAL COURSE HOURS: 96 Check one: **Quarter Hours** ☒
 Semester Hours ☐
 Clock Hours ☐

LENGTH OF PROGRAM: 8 Quarters TUITION: \$41,800

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
ET115	DC Electronics	4
ET127	PC Technology	4
ET145	AC Electronics	4
ET215	Electronic Devices I	4
ET225	Networking Concepts	4
ET245	Electronic Devices II	4
ET255	Digital Electronics I	4
ET275	Electronic Communications Systems I	4
ET285	Digital Electronics II	4
ET315	Electronic Communications Systems II	4
ET345	Control Systems	4
ET355	Microprocessors	4
ET375	C Programming in Linux	4
IT104	Introduction to Computer Programming	4
TB133	Strategies for the Technical Professional	4
TB143	Introduction to Personal Computers	4
TB184	Problem Solving	4
TB332	Professional Procedures and Portfolio Development	4

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
--------------------------	-------------------------	-------------------------

GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
GE117	Composition I	4
GE127	College Mathematics I	4
GE192	College Mathematics II	4
GE217	Composition II	4
GE253	Physics	4
GE273	Microeconomics	4

Number of Credit/Clock Hrs. in Specialty:	<u>72</u>	/		Percentage:	<u>75%</u>
Number of Credit/Clock Hrs. in General Courses:	<u>24</u>	/		Percentage:	<u>25%</u>

If applicable:

Number of Credit/Clock Hrs. in Liberal Arts:	<u>N/A</u>	/		Percentage:	<u>N/A</u>
--	------------	---	--	-------------	------------

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

The Library Resource Center (LRC) will be located at the new campus at 17390 Dugdale Drive, South Bend. Library hours will be established to meet student needs as has been done at existing ITT Technical Institutes. However, the Virtual Library is available at any time from any location with an Internet connection and web browser. The URL is library.itt-tech.edu. Library resources support the entire curriculum, including general education courses.

2. Number of volumes of professional material:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC collection estimates 600 volumes of professional material.

3. Number of professional periodicals subscribed to:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC professional periodical subscriptions are 18.

4. Other library facilities in close geographical proximity for student access:

Students in the **South Bend** area have access to the following libraries:

Saint Joseph County Public Library (multiple branches)
Indiana University South Bend
Memorial Hospital of South Bend/Library Services

IV. FACULTY: Attach completed Instructor's Qualification Record for each instructor.
**** Include all required documentation pertaining to the qualifications of each instructor.**

Total # of Faculty in the Program: 0 Full-time: 0 Part-time: 0

Fill out form below: (PLEASE LIST NAMES IN ALPHABETICAL ORDER.)

List Faculty Names <i>To Be Determined</i> (Alphabetical Order)	Degree or Diploma Earned	# Years of Working Experience in Specialty	# Years Teaching at Your School	# Years Teaching at Other	Check one:	
					Full- time	Part- time

New faculty for the proposed program will be hired approximately one (1) month in advance of the program start date so that they can familiarize themselves with the curriculum. Consequently, the application does not contain any Instructor Qualification Records. As an institution regulated by the Indiana Commission on Proprietary Education and the Accrediting Council of Independent Colleges and Schools, the South Bend campus will comply with standards relative to faculty qualifications.

**INDIANA COMMISSION ON
PROPRIETARY EDUCATION**

DEGREE APPLICATION

(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution ITT Technical Institute – South Bend

Name of Program Computer Drafting and Design

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) AAS

Name of Person Preparing this Form Wendy Kandel, Regulatory Affairs Manager

Telephone Number 317.706.9276 Application Type

Date the Form was Prepared May 1, 2007 ☒ **New** ☐ **Renewal**

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

Drafting is a graphic language used by industry to communicate ideas and plans from the creative-design stage through production. Computer drafting and design is one way to produce drawings in traditional design and drafting fields. This program combines wherever appropriate computer-aided drafting with conventional methods of graphic communication to solve drafting and basic design-related problems. The program will help graduates prepare to work in entry-level positions in many diverse areas of technical drafting and design.

Students will be exposed to both classroom theory and laboratory projects. Students will be required to create a variety of drawings of various sizes on different drawing media, and will use conventional as well as computer-aided drafting equipment.

The goal of the Computer Drafting and Design program is to help the student acquire the skills to enter the workplace as a versatile draftsperson able to make basic design decisions and capable of addressing the challenges of future technological advances in the drafting and design profession.

Many industries use drafters who can translate ideas, sketches and specifications of an engineer, architect or designer into complete and accurate working plans needed to make products, engineer projects or create structures. Graduates may begin their careers in a variety of entry-level positions in various fields involving drafting and design, some of which include mechanical drafting, piping drafting, architectural and construction drafting, civil drafting, interior design, illustration and design detailing. The availability of micro-CAD systems has enabled even small drafting firms to utilize computer-aided drafting and design.

**INDIANA COMMISSION ON
PROPRIETARY EDUCATION**

DEGREE APPLICATION
(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution ITT Technical Institute – South Bend

Name of Program Information Technology-Computer Network Systems

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) AAS

Name of Person Preparing this Form Wendy Kandel, Regulatory Affairs Manager

Telephone Number 317.706.9276 Application Type

Date the Form was Prepared May 1, 2007 ☒ **New** ☐ **Renewal**

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

Information technology (IT) is a diverse area of study encompassing several computer-based system and application areas. The advancement of computers and communication technology continues to have profound impact on our lives. A need exists for technically competent individuals to provide appropriate computing solutions for users. The objective of the IT program is to provide a broad-based foundation in the area of IT and a concentration in computer network systems.

In addition to technical knowledge, it is important for IT workers to be able to communicate, handle multi-tasking situations and to assess user needs when developing computer-based solutions.

The Information Technology - Computer Network Systems program can help graduates prepare to perform tasks associated with installing, upgrading and maintaining computer network systems in typical LAN/WAN environments. This program explores a number of networking and internetworking technologies. Additional curriculum topics, investigated through classroom and laboratory experiences, include introductory computer programming, survey of operating systems, network design and implementation, network systems management and other related technical subjects. Information Technology - Computer Network Systems consists of a foundation core of computing and general education courses, followed by studies in computer network systems applications.

Graduates may begin their careers in Information Technology - Computer Network Systems in a variety of entry-level positions.

II. PROGRAM STRUCTURE: List all courses in the program. Indicate course name, number, and number of credit hours or clock hours for each course.

NAME OF PROGRAM: Information Technology-Computer Network Systems

TOTAL COURSE HOURS: 96 Check one: **Quarter Hours** ☒
 Semester Hours ☐
 Clock Hours ☐

LENGTH OF PROGRAM: 8 Quarters TUITION: \$41,800

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
IT103	Operating Systems	4
IT104	Introduction to Computer Programming	4
IT109	Microsoft Desktop Operating System	4
IT116	Intermediate Programming	4
IT203	Database Development	4
IT220	Network Standards and Protocols	4
IT221	Microsoft Network Operating System I	4
IT222	Microsoft Network Operating System II	4
IT250	Linux Operating System	4
IT302	Linux System Administration	4
IT320	WAN Technology and Application	4
IT321	Network Technology and Service Integration	4
IT330	Network Systems Management	4
IT331	Network Development Capstone Project	4
TB133	Strategies for the Technical Professional	4
TB143	Introduction to Personal Computers	4
TB184	Problem Solving	4
TB332	Professional Procedures and Portfolio Development	4

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
--------------------------	-------------------------	-------------------------

GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
GE117	Composition I	4
GE127	College Mathematics I	4
GE192	College Mathematics II	4
GE217	Composition II	4
GE273	Microeconomics	4
GE347	Group Dynamics	4

Number of Credit/Clock Hrs. in Specialty:	<u>72</u>	/	<u> </u>	Percentage:	<u>75%</u>
Number of Credit/Clock Hrs. in General Courses:	<u>24</u>	/	<u> </u>	Percentage:	<u>25%</u>

If applicable:

Number of Credit/Clock Hrs. in Liberal Arts:	<u>N/A</u>	/	<u> </u>	Percentage:	<u>N/A</u>
--	------------	---	-----------------	-------------	------------

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

The Library Resource Center (LRC) will be located at the new campus at 17390 Dugdale Drive, South Bend. Library hours will be established to meet student needs as has been done at existing ITT Technical Institutes. However, the Virtual Library is available at any time from any location with an Internet connection and web browser. The URL is library.itt-tech.edu. Library resources support the entire curriculum, including general education courses.

2. Number of volumes of professional material:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC collection estimates 600 volumes of professional material.

3. Number of professional periodicals subscribed to:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC professional periodical subscriptions are 18.

4. Other library facilities in close geographical proximity for student access:

Students in the **South Bend** area have access to the following libraries:

Saint Joseph County Public Library (multiple branches)
Indiana University South Bend
Memorial Hospital of South Bend/Library Services

IV. FACULTY: Attach completed Instructor's Qualification Record for each instructor.

**** Include** all required documentation pertaining to the qualifications of each instructor.

Total # of Faculty in the Program: 0 Full-time: 0 Part-time: 0

Fill out form below: (PLEASE LIST NAMES IN ALPHABETICAL ORDER.)

List Faculty Names <i>To Be Determined</i> (Alphabetical Order)	Degree or Diploma Earned	# Years of Working Experience in Specialty	# Years Teaching at Your School	# Years Teaching at Other	Check one:	
					Full- time	Part- time

New faculty for the proposed program will be hired approximately one (1) month in advance of the program start date so that they can familiarize themselves with the curriculum. Consequently, the application does not contain any Instructor Qualification Records. As an institution regulated by the Indiana Commission on Proprietary Education and the Accrediting Council of Independent Colleges and Schools, the South Bend campus will comply with standards relative to faculty qualifications.

**INDIANA COMMISSION ON
PROPRIETARY EDUCATION**

DEGREE APPLICATION
(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution ITT Technical Institute – South Bend

Name of Program Criminal Justice

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) BS

Name of Person Preparing this Form Wendy Kandel, Regulatory Affairs Manager

Telephone Number 317.706.9276 Application Type

Date the Form was Prepared May 1, 2007 ☒ **New** ☐ **Renewal**

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

This program teaches the fundamentals of the criminal justice system and criminal justice skills. The program offers a foundation in criminal law, legal procedures, criminal evidence and criminology. Areas of study include law enforcement, the courts and corrections. Students are taught about the legal system and law enforcement standards to help them develop technical skills used in today's criminal justice environment. The upper-level courses enhance the study of the criminal justice system and expand into areas such as criminalistics, victimology and forensics investigations. The curriculum is designed to offer a balance of theory and application used in the field by integrating interpersonal skills and administrative subject matter. Students will examine the criminal justice process and study interpersonal communication skills. The program offers an interdisciplinary study of the mechanisms of social control, criminology and criminal justice in American society. Program content includes communication, criminal law and procedures, cybercrime and homeland security issues as well as technology skills. The program can help graduates cultivate particular human relations skills appropriate to the industry and an understanding of the causes and prevention of crime.

The program can help graduates prepare for careers in community corrections, the private investigation and security fields and law enforcement*. Upon completion of the program, graduates will have developed knowledge and skills that can be used to pursue entry-level positions involving a broad spectrum of criminal justice careers in the private sector involving workplace security, private investigations, and insurance investigations as private detectives, safety officers and security patrol officers. The program also offers the academic preparation to pursue entry-level positions involving criminal justice, such as local, state and federal law enforcement jobs in policing*, crime commissions, parole and probation, corrections and court systems.

*This program of study may not qualify a graduate for a career in law enforcement involving employment as a police officer or agent by federal, state, county, local or municipal authorities. An applicant must contact the applicable governmental authority prior to beginning the program at the school to determine if there are any specific requirements and/or qualifications that a candidate must satisfy to be eligible for employment as a police officer or agent by that authority. Those requirements and/or qualifications may include, among other things, that a candidate must: (a) successfully complete an academy or other specialized training; (b) be younger than a certain age; (c) pass a physical, mental and/or personality examination; (d) pass a background check; (e) not have a criminal record; (f) be a graduate from an institution that is regionally accredited (as opposed to nationally accredited, such as ITT Technical

Institute); (g) complete a certain number of credit hours or a certain type of degree program at an accredited postsecondary educational institution; (h) have served a certain number of years in the military; (i) have a certain number of years of prior law enforcement experience; (j) be a U.S. citizen and/or a resident of the governmental authority's jurisdiction; (k) have earned a bachelor or graduate degree in certain areas of study; and/or (l) have a valid driver's license.

II. PROGRAM STRUCTURE: List all courses in the program. Indicate course name, number, and number of credit hours or clock hours for each course.

NAME OF PROGRAM: Criminal Justice

TOTAL COURSE HOURS: 180 Check one: **Quarter Hours** ☒
 Semester Hours ☐
 Clock Hours ☐

LENGTH OF PROGRAM: 16 Quarters TUITION: \$76,500

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
CJ121	Courts and the Criminal Justice System	4
CJ131	Introduction to Criminal Justice	4
CJ132	Criminal Justice Organization and Administration	4
CJ133	Criminology	4
CJ151	Principles of Policing and Law Enforcement	4
CJ152	Law Enforcement Reporting and Recording	4
CJ211	Correctional Programs: Probation and Parole	4
CJ241	Criminal Investigation	4
CJ242	Forensics and Crime Scene Investigation	4
CJ243	The Criminalistics of Cybercrime	4
CJ253	Policing Techniques: Interviewing and Interrogation	4
CJ261	Essentials of Security	4
CJ262	Aviation Security	4
CJ263	Emergency Procedures	4
CJ312	Correctional Operation and Administration	4
CJ322	Criminal Law and Procedures	4
CJ334	Crime Prevention	4
CJ335	Victimology	4
CJ354	Community Policing	4

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
CJ355	Multicultural Law Enforcement	4
CJ436	Substance Abuse and Crime in America	4
CJ437	Gangs and Juvenile Justice	4
CJ438	Special Topics and Final Project	4
CJ445	Spatial Aspects of Crime	4
CJ446	The Criminalistics of Computer Forensics	4
CJ456	Controversial Issues in Law Enforcement	4
CJ464	Homeland Security	4

GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
-----	Unspecified General Education courses++	56
GE172	State and Local Government	4

Number of Credit/Clock Hrs. in Specialty: 120 / Percentage: 67%
Number of Credit/Clock Hrs. in General Courses: 60 / Percentage: 33%

If applicable:

Number of Credit/Clock Hrs. in Liberal Arts: N/A / Percentage: N/A

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

The Library Resource Center (LRC) will be located at the new campus at 17390 Dugdale Drive, South Bend. Library hours will be established to meet student needs as has been done at existing ITT Technical Institutes. However, the Virtual Library is available at any time from any location with an Internet connection and web browser. The URL is library.itt-tech.edu. Library resources support the entire curriculum, including general education courses.

2. Number of volumes of professional material:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC collection estimates 600 volumes of professional material.

3. Number of professional periodicals subscribed to:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC professional periodical subscriptions are 18.

4. Other library facilities in close geographical proximity for student access:

Students in the **South Bend** area have access to the following libraries:

Saint Joseph County Public Library (multiple branches)
Indiana University South Bend
Memorial Hospital of South Bend/Library Services

IV. FACULTY: Attach completed Instructor's Qualification Record for each instructor.
**** Include** all required documentation pertaining to the qualifications of each instructor.

Total # of Faculty in the Program: 0 Full-time: 0 Part-time: 0

Fill out form below: (PLEASE LIST NAMES IN ALPHABETICAL ORDER.)

List Faculty Names <i>To Be Determined</i> (Alphabetical Order)	Degree or Diploma Earned	# Years of Working Experience in Specialty	# Years Teaching at Your School	# Years Teaching at Other	Check one:	
					Full- time	Part- time

New faculty for the proposed program will be hired approximately one (1) month in advance of the program start date so that they can familiarize themselves with the curriculum. Consequently, the application does not contain any Instructor Qualification Records. As an institution regulated by the Indiana Commission on Proprietary Education and the Accrediting Council of Independent Colleges and Schools, the South Bend campus will comply with standards relative to faculty qualifications.

INDIANA COMMISSION ON
PROPRIETARY EDUCATION

DEGREE APPLICATION
(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution ITT Technical Institute – South Bend

Name of Program Construction Management

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) BS

Name of Person Preparing this Form Wendy Kandel, Regulatory Affairs Manager

Telephone Number 317.706.9276 Application Type

Date the Form was Prepared May 1, 2007 ☒ New ☐ Renewal

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

The Construction Management program covers the fundamentals and offers a foundation in construction management, construction techniques and legal issues relating to the construction management field. Areas of study include building codes, site construction and measurement, construction documents, construction project management and construction safety management. The goal of the program is to help the student acquire the necessary skills to enter the workplace and be a versatile member of a construction team.

Graduates of this program may begin their careers in a variety of entry-level positions involving construction estimating, construction safety, construction project management or building code compliance.

II. PROGRAM STRUCTURE: List all courses in the program. Indicate course name, number, and number of credit hours or clock hours for each course.

NAME OF PROGRAM: Construction Management

TOTAL COURSE HOURS: 180 Check one: **Quarter Hours** ☒
 Semester Hours ☐
 Clock Hours ☐

LENGTH OF PROGRAM: 15 Quarters TUITION: \$76,500

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
CD111	Introduction to Design and Drafting	4
CD121	Drafting/CAD Methods	4
CD130	Architectural Drafting 1	4
CD140	Rapid Vizualization	4
CD210	Engineeing Graphics I	4
CD220	Materials and Processes	4
CD230	Archtectural Drafting II	4
CD240	Descriptive Geometry	4
CD250	Engineering Graphics	4
CD260	Digital Information Mangement	4
CD310	Civil Drafting and Intro to GIS	4
CD320	Basic Design Theory and Methods	4
CD331	Design & Drafting Capstone Project	4
CD340	Physical and Computer-Aided 3D Modeling	4
CM310	Commercial Construction Methods	4
CM320	Principles of Building Construction Management	4
CM330	Statics and Strength of Materials	4
CM340	Building Codes	4
CM350	Site Construction and Measurement	4

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
CM360	Construction Management Information Systems	4
CM420	Construction Documents and Contracts	4
CM430	Mechanical Systems	4
CM440	Construction Project Scheduling	4
CM450	Cost Estimating and Analysis	4
CM470	Legal Issues and Construction	4
CM480	Construction Safety Management	4
EC311	Introduction to Project Management	4
TB133	Strategies for the Technical Professional	4
TB143	Introduction to Personal Computers	4
TB184	Problem Solving	4
TB332	Professional Procedures and Portfolio Development	4

GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
EG371	Research Methods	4
EG372	Written Analysis	4
EG381	Statistics	4
EG453	Political Issues and the Economy	4
EG462	Contemporary World Culture	4
EG468	Ethics	4
EG481	Environmental Issues	4
GE117	Composition I	4
GE127	College Mathematics I	4
GE192	College Mathematics II	4
GE217	Composition II	4

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
CONTINUED	GENERAL EDUCATION/LIBERAL ARTS	
GE253	Physics	4
GE273	Microeconomics	4
GE364	Art Appreciation	4

Number of Credit/Clock Hrs. in Specialty:	<u>124</u>	/	<u> </u>	Percentage:	<u>69%</u>
Number of Credit/Clock Hrs. in General Courses:	<u>56</u>	/	<u> </u>	Percentage:	<u>31%</u>

If applicable:

Number of Credit/Clock Hrs. in Liberal Arts:	<u>N/A</u>	/	<u> </u>	Percentage:	<u>N/A</u>
--	------------	---	-------------------	-------------	------------

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

The Library Resource Center (LRC) will be located at the new campus at 17390 Dugdale Drive, South Bend. Library hours will be established to meet student needs as has been done at existing ITT Technical Institutes. However, the Virtual Library is available at any time from any location with an Internet connection and web browser. The URL is library.itt-tech.edu. Library resources support the entire curriculum, including general education courses.

2. Number of volumes of professional material:

3.

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC collection estimates 600 volumes of professional material.

4. Number of professional periodicals subscribed to:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC professional periodical subscriptions are 18.

4. Other library facilities in close geographical proximity for student access:

Students in the **South Bend** area have access to the following libraries:

Saint Joseph County Public Library (multiple branches)
Indiana University South Bend
Memorial Hospital of South Bend/Library Services

IV. FACULTY: Attach completed Instructor's Qualification Record for each instructor.
**** Include all required documentation pertaining to the qualifications of each instructor.**

Total # of Faculty in the Program: 0 Full-time: 0 Part-time: 0

Fill out form below: (PLEASE LIST NAMES IN ALPHABETICAL ORDER.)

List Faculty Names To Be Determined (Alphabetical Order)	Degree or Diploma Earned	# Years of Working Experience in Specialty	# Years Teaching at Your School	# Years Teaching at Other	Check one:	
					Full- time	Part- time

New faculty for the proposed program will be hired approximately one (1) month in advance of the program start date so that they can familiarize themselves with the curriculum. Consequently, the application does not contain any Instructor Qualification Records. As an institution regulated by the Indiana Commission on Proprietary Education and the Accrediting Council of Independent Colleges and Schools, the South Bend campus will comply with standards relative to faculty qualifications.

**INDIANA COMMISSION ON
PROPRIETARY EDUCATION**

DEGREE APPLICATION
(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution ITT Technical Institute – South Bend

Name of Program Electronics and Communications Engineering Technology

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) BS

Name of Person Preparing this Form Wendy Kandel, Regulatory Affairs Manager

Telephone Number 317.706.9276 Application Type

Date the Form was Prepared May 1, 2007 ☒ **New** ☐ **Renewal**

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

The purpose of this program is to help graduates prepare for career opportunities in a variety of entry-level positions in various fields involving electronics engineering technology, including communication systems. Courses in this program offer an expansive foundation in electronic circuitry and communications engineering technology through the study of subjects such as circuit analysis, circuit design, data and network communications, digital communications in the presence of noise, calculus and additional general education coursework.

Graduates of this program may begin to pursue career opportunities in a variety of entry-level positions, such as electronics engineering technologist, electronics engineering assistant, engineering sales/service representative, computer systems technologist, industrial systems technologist, technical consultant, telecommunications technician, communication systems installer, field service representative, engineering technician or research technician. Among the types of work environments that may use the services of graduates with the skills addressed in this program are: data and telecommunications service providers, TV and satellite services organizations, computer network sales and service organizations, entertainment industries, transportation companies, communications R&D facilities, product development departments, research and development groups, quality engineering departments, field service offices and maintenance departments.

II. PROGRAM STRUCTURE: List all courses in the program. Indicate course name, number, and number of credit hours or clock hours for each course.

NAME OF PROGRAM: Electronics and Communications Engineering Technology

TOTAL COURSE HOURS: 180 Check one: **Quarter Hours** ☒
 _____ Semester Hours ☐
 _____ Clock Hours ☐

LENGTH OF PROGRAM: 16 Quarters TUITION: \$76,500

SPECIALTY COURSES:

<u>Course Number</u> -----	<u>Course Title</u>	<u>Course Hours</u>
	Unspecified Core courses*	36
ET445	Advanced Circuit Analysis I	4
ET446	Advanced Circuit Analysis II	4
ET455	Digital Communication Systems I	4
ET456	Digital Communication Systems II	4
ET475	Electronic Circuit Design I	4
ET476	Electronic Circuit Design II	4
ET485	Capstone Project	4
IT340	Communications Cabling	4
IT342	Data and Network Communications I	4
IT343	Data and Network Communications II	4
IT350	Modern Wireless Communications	4
TM380	Advanced Topics in Technical Mathematics	4
TM420	Technical Calculus	4
-----	Unspecified Elective courses	36

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
--------------------------	-------------------------	-------------------------

GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
-----	Unspecified General Education courses++	24
EG360	Introductory Calculus	4
EG371	Research Methods+	4
EG372	Written Analysis+	4
EG381	Statistics+	4
EG452	Economics and Change+	4
EG462	Contemporary World Culture+	4
EG468	Ethics+	4
EG481	Environmental Issues+	4

Number of Credit/Clock Hrs. in Specialty:	<u>124</u>	/	<u> </u>	Percentage:	<u>69%</u>
Number of Credit/Clock Hrs. in General Courses:	<u>56</u>	/	<u> </u>	Percentage:	<u>31%</u>

If applicable:

Number of Credit/Clock Hrs. in Liberal Arts:	<u>N/A</u>	/	<u> </u>	Percentage:	<u>N/A</u>
--	------------	---	-----------------	-------------	------------

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

The Library Resource Center (LRC) will be located at the new campus at 17390 Dugdale Drive, South Bend. Library hours will be established to meet student needs as has been done at existing ITT Technical Institutes. However, the Virtual Library is available at any time from any location with an Internet connection and web browser. The URL is library.itt-tech.edu. Library resources support the entire curriculum, including general education courses.

2. Number of volumes of professional material:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC collection estimates 600 volumes of professional material.

3. Number of professional periodicals subscribed to:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC professional periodical subscriptions are 18.

4. Other library facilities in close geographical proximity for student access:

Students in the **South Bend** area have access to the following libraries:

Saint Joseph County Public Library (multiple branches)
Indiana University South Bend
Memorial Hospital of South Bend/Library Services

IV. FACULTY: Attach completed Instructor's Qualification Record for each instructor.

**** Include all required documentation pertaining to the qualifications of each instructor.**

Total # of Faculty in the Program: 0 Full-time: 0 Part-time: 0

Fill out form below: (PLEASE LIST NAMES IN ALPHABETICAL ORDER.)

List Faculty Names To Be Determined (Alphabetical Order)	Degree or Diploma Earned	# Years of Working Experience in Specialty	# Years Teaching at Your School	# Years Teaching at Other	Check one:	
					Full- time	Part- time

New faculty for the proposed program will be hired approximately one (1) month in advance of the program start date so that they can familiarize themselves with the curriculum. Consequently, the application does not contain any Instructor Qualification Records. As an institution regulated by the Indiana Commission on Proprietary Education and the Accrediting Council of Independent Colleges and Schools, the South Bend campus will comply with standards relative to faculty qualifications.

**INDIANA COMMISSION ON
PROPRIETARY EDUCATION**

DEGREE APPLICATION
(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution ITT Technical Institute – South Bend

Name of Program Information Systems Security

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) BS

Name of Person Preparing this Form Wendy Kandel, Regulatory Affairs Manager

Telephone Number 317.706.9276 Application Type

Date the Form was Prepared May 1, 2007 ☒ **New** ☐ **Renewal**

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

Individuals with knowledge of information systems security are now considered to be an important part of most IT infrastructure teams. Roles cover a range of activities spanning from analysis, to design and implementation of security systems, to security monitoring and countermeasures and ongoing administration. Students will study the essentials of information security and the security aspects of common information technology platforms. Students will be exposed to techniques used to deploy and manage security systems and configure security solutions.

Graduates of this program may begin their careers in a variety of entry-level positions involving information systems security, such as network/security administrators or security systems technologists. These positions are typically part of a team working on projects that require designing, configuring, implementing and maintaining security solutions as part of IT infrastructure projects. In other roles, graduates may be part of teams involved in auditing and verifying existing security systems and suggesting ways to improve the same.

II. PROGRAM STRUCTURE: List all courses in the program. Indicate course name, number, and number of credit hours or clock hours for each course.

NAME OF PROGRAM: Information Systems Security

TOTAL COURSE HOURS: 180 Check one: **Quarter Hours** ☒
 Semester Hours ☐
 Clock Hours ☐

LENGTH OF PROGRAM: 16 Quarters TUITION: \$76,500

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
-----	Unspecified Core courses*	<u>30</u>
EC311	Introduction to Project Management	<u>4</u>
IS311	Internetworking Infrastructure and Operations	<u>4</u>
IS312	Information Security Essentials	<u>4</u>
IS314	Security Architecture of Common IT Platforms	<u>4</u>
IS315	IS Risk Management and Intrusion Detection	<u>4</u>
IS316	Fundamentals of Network Security, Firewalls and VPNs	<u>4</u>
IS317	Hacker Techniques, Tools and Incident Handling	<u>4</u>
IS318	Information Security Perspective on Intranet, Internet and E-Commerce Infrastructure	<u>4</u>
IS411	Security Policies and Implementation Issues	<u>4</u>
IS413	Auditing E-Commerce Systems and IT Infrastructure	<u>4</u>
IS414	User Authentication Systems & Role-Based Security	<u>4</u>
IS415	System Forensics Investigation and Response	<u>4</u>
IS416	Securing Windows Platforms and Applications	<u>4</u>
IS417	Capstone Project	<u>4</u>
IS418	Securing Linux Platforms and Applications	<u>4</u>
IS421	Legal and Security Issues	<u>4</u>
-----	Unspecified Elective courses	<u>30</u>

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
--------------------------	-------------------------	-------------------------

GENERAL EDUCATION / LIBERAL ARTS COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
-----	Unspecified General Education courses++	<u>24</u>
EG351	Social Psychology+	<u>4</u>
EG371	Research Methods+	<u>4</u>
EG372	Written Analysis+	<u>4</u>
EG381	Statistics+	<u>4</u>
EG452	Economics and Change+	<u>4</u>
EG462	Contemporary World Culture+	<u>4</u>
EG468	Ethics+	<u>4</u>
EG481	Environmental Issues+	<u>4</u>

Number of Credit/Clock Hrs. in Specialty:	<u>124</u>	/	<u> </u>	Percentage:	<u>69%</u>
Number of Credit/Clock Hrs. in General Courses:	<u>56</u>	/	<u> </u>	Percentage:	<u>31%</u>

If applicable:

Number of Credit/Clock Hrs. in Liberal Arts:	<u>N/A</u>	/	<u> </u>	Percentage:	<u>N/A</u>
--	------------	---	-----------------	-------------	------------

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

The Library Resource Center (LRC) will be located at the new campus at 17390 Dugdale Drive, South Bend. Library hours will be established to meet student needs as has been done at existing ITT Technical Institutes. However, the Virtual Library is available at any time from any location with an Internet connection and web browser. The URL is library.itt-tech.edu. Library resources support the entire curriculum, including general education courses.

2. Number of volumes of professional material:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC collection estimates 600 volumes of professional material.

3. Number of professional periodicals subscribed to:

To be determined; however, for a school like **Newburgh** with roughly a census of 360 students, the current on-site LRC professional periodical subscriptions are 18.

4. Other library facilities in close geographical proximity for student access:

Students in the **South Bend** area have access to the following libraries:

Saint Joseph County Public Library (multiple branches)
Indiana University South Bend
Memorial Hospital of South Bend/Library Services

IV. FACULTY: Attach completed Instructor's Qualification Record for each instructor.
**** Include all required documentation pertaining to the qualifications of each instructor.**

Total # of Faculty in the Program: 0 Full-time: 0 Part-time: 0

Fill out form below: (PLEASE LIST NAMES IN ALPHABETICAL ORDER.)

List Faculty Names <i>To Be Determined</i> (Alphabetical Order)	Degree or Diploma Earned	# Years of Working Experience in Specialty	# Years Teaching at Your School	# Years Teaching at Other	Check one:	
					Full- time	Part- time

New faculty for the proposed program will be hired approximately one (1) month in advance of the program start date so that they can familiarize themselves with the curriculum. Consequently, the application does not contain any Instructor Qualification Records. As an institution regulated by the Indiana Commission on Proprietary Education and the Accrediting Council of Independent Colleges and Schools, the South Bend campus will comply with standards relative to faculty qualifications.